



## PATENT ABSTRACTS OF JAPAN

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(54) **ELECTRIC ROTATING MACHINE AND  
 BEARING PRESS SPRING THEREFOR**

## (57) Abstract:

**PROBLEM TO BE SOLVED:** To make flat the bottom face of a recess to be fitted with bearing in a bearing holding part at the forward end of stator supporting boss by providing an annular waving press spring body with a bearing press spring having an anti-settling protrusion.

**SOLUTION:** A bearing press spring 10 is provided, at the inner circumference of an annular waving press spring body 15, with an anti-settling protrusion 16. The anti-settling protrusions 16 comprises inclining annular rising parts 16a projecting, at an interval of 120°, from the inner circumference of press spring body 15, and annular bearing abutting parts 16b provided at the forward end of rising parts 16a integrally therewith. A window 16 is provided between adjacent rising parts 16a. An undue pressing load acting on the press spring in the direction of arrow is born by the anti-settling protrusion 16 of height H. Since further compression of the waving press spring body 15 is blocked and the press spring body 15 is protected against settling, the bot-

tom face of bearing fitting recess in the bearing holding part at the forward end of stator supporting boss can be flattened.

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